Study Notes – Sept 28, 2012

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0600Md--Shoreline--Florida Keys Baseline--2010

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****DATA SOURCE****

Data were compiled from surveys conducted in the Gulf of Mexico. Data were compiled from TDI Brooks lab electronic data. The following SDGs (QC Batches) have been incorported into the database: 10-2426 and 10-2427. Data were also compiled from the following Columbia Analytical Services lab electronic data: K1111575. The data sets were for samples collected from Shoreline--Florida Keys Baseline--2010.

****DATA COLLECTION PURPOSE****

Natural Resource Damage Assessment

****DATA USE QUALIFICATION****

Values for concentration and detection limit should be interpreted to 3 significant figures. Values for reporting limits should be interpreted to 1 significant figure.

****STUDY****

The data include water chemistry and sediment chemistry data

****STATION****

StationIDs are based on the Grid locations recorded in the NOAA Field Sampling Information database, plus a sequential number used for each distinct latitude/longitude position reported. Datum was assumed to be NAD83.

****SAMPLES AND REPLICATES****

The collection depth of water samples in the fields UDepth and LDepth are reported in meters.

The original SampleIDs reported by the lab from the Chain-of-Custody are stored in the ExSampID field.

Samples were assigned to each unique location and depth, and field duplicates were coded with a "D" in the SampleID and with a SampType of "FDUP." Subsequent field duplicates (splits) then have a sequential numbering "D2, D3, etc.

The default labrep code was "1A." Lab duplicates (second analysis of same sample for same analytical method) were assigned labrep "2A". Lab duplicates were identified as those samples with a "D" suffix on the labID.

CAS_K Lab Analytical Methods:

True-PSEP (abbreviated as PSEP-True Grain Size (CAS))

TDI Lab Analytical Methods:

B&B SOP1006 - Aromatic Hydrocarbon Determination by Selected Ion Monitoring Gas Chromatography/Mass (abbreviated as 8270 M B&B SOP1006 GC/MS)

B&B SOP1016 - Aliphatic Hydrocarbon Determination by Gas Chromatography/Flame Ionization Detection (abbreviated as 8015 B&B SOP1016 GC/FID)

****SUMMED PARAMETERS****

% Fines values were calculated and were appended to the sediment chemistry tables.

****QUALIFIERS****

Qualifiers recorded in the chemistry files represent the final data qualifiers provided by the data validation. Descriptions of the data qualifiers are included in the data dictionary.